

RESEARCH AND INNOVATION ACTION FUNDED UNDER THE EUROPEAN UNION'S HORIZON 2020 PROGRAMME

Wholodance aims at developing and applying breakthrough technologies to Dance in order to:



Investigate bodily knowledge by applying Similarity search tools, computational models, emotional content analysis and techniques for the automated analysis of non-verbal expressive movement to dance data that will help investigate principles, vocabularies, mental imagery and simulation connected to Dance Practises.



Preserve the Cultural Heritage by creating a proof-of-concept motion capture repository of dance motions built in methods allowing interpolations, extrapolations and synthesis through similarity search among different compositions documenting diverse and specialized dance movement practices.







Starting Date: January 1st, 2016

Total EU Contribution: € 3.332.585.00

Duration: 36 months

Revolutionize Choreography by building and structuring an interactive repository of motion capture dance libraries. Custom dance data blending engine will give choreographers and dance teachers a powerful tool to blend and assemble an infinite number of dance compositions.



will enable a dance student to literally step inside the Dance master's body that through the use of immersive and responsive motion capture data, will Identify and respond to collisions between the physical and virtual bodies.

Innovate the Teaching of Dance by developing life-size volumetric display that

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